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MAGNETIC RECORDING MEDIUM

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Inventor(s): YOSHIHARA SHINRO; UMEZAKI HIROSHI +

Applicant(s): SUMITOMO CHEMICAL CO +

Classification:

- **international:** *C09D101/18; C09D127/06; C09D175/04; C10M103/06; G11B5/73; G11B5/735; C10N10/06; C10N40/18; C09D101/00; C09D127/02; C09D175/04; C10M103/00; G11B5/62; (IPC1-7): G11B5/704*

- **European:**

Application number: JP19860278479 19861120

Priority number(s): JP19860278479 19861120

Abstract of JP 63131321 (A)

PURPOSE:To obviate degradation of surface smoothness, running stability and wear resistance even after long-term traveling by adding and using specific alumina hydrate to and for a back coating layer. **CONSTITUTION:**The back coating layer contains the alumina hydrate expressed by the general formula $\text{Al}_2\text{O}_3 \cdot x\text{H}_2\text{O}$ (x is 2.9-0.1). the alumina hydrate to be used is transition alumina of α - Al_2O_3 , κ - Al_2O_3 , boehmite, ρ - Al_2O_3 , γ - Al_2O_3 and θ - Al_2O_3 having hexagonal planar crystal structure of the mixture composed thereof. The particle sizes of the alumina expressed by the general formula $\text{Al}_2\text{O}_3 \cdot x\text{H}_2\text{O}$ are about $\leq 2\mu\text{m}$, more preferably $\leq 1\mu\text{m}$ and the alumina having 0.3-1.0 μm particle size is usually used. The magnetic recording medium which has the excellent surface smoothness, running stability and wear resistance, obviates the degradation thereof even after long-term running and obviates the degradation of the magnetic characteristics is obtd.

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Family list

1 application(s) for: **JP63131321 (A)**

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